

Flood Control Project Maintenance
2009 Structure Summary Report
Overall Unit and Item Ratings

Reclamation District No. 2096 Wetherbee Lake

Wetherbee Lake Pumping Plant & Navigation Gate

Overall Unit Rating	Rated Item	Item Rating
M	Operating Log	A
	Operation & Maintenance Manual	U
	Plant Building	A
	Communications	A
	Safety	M
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	M
	Electric Gate Operators	A
	Manual Gate Operators	A
	Other Metallic Items	M
	Flap Gates	M
	Closure Structures	A
	Security Fencing	A
	Intake and Discharge Pipes	A
	Pressurized Pipe	A

Flood Control Project Maintenance**Unit Cover Sheet****2009 Pumping Plant Inspection Results****Reclamation District No. 2096 Wetherbee Lake**

Pumping Plant
Wetherbee Lake Pumping Plant & Navigation Gate

Pumping Plant Rating	M
Date of Inspection	7/15/2009
DWR Inspector	John Paasch
Accompanied By	David Pesavento FPIS

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

Reclamation District No. 2096 Wetherbee Lake

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate		07/15/2009 07/15/2009	John Paasch

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1	0.00	0.00	Pump Stations	Operating Log		A	Inspector Comments: Operation log located onsite in a shed that was not accessible during inspection.	°	°		1
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		U	Inspector Comments: Copy of O&M manual needed onsite.	°	°		2
3			Pump Stations	Plant Building		A	Inspector Comments: Electronics and controls are housed in cabinets. Periodic removal of cobwebs recommended.	37.773593 °	37.773593 °	Y	3
								-121.298442 °	-121.298442 °		
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: Operators have cellular and radio communication.	°	°		4
5	0.00	0.00	Pump Stations	Safety		M	Inspector Comments: Bent guard railing needs repair.	°	°		5
6	0.00	0.00	Pump Stations	Cranes		N	Inspector Comments: No cranes present at site.	°	°		6
7	0.00	0.00	Pump Stations	Pumps		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pumps appear properly maintained and lubricated. Pumps last run December 2008.	°	°		7
8	0.00	0.00	Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No electrical deficiencies were observed. Placement and use of backup generators to be considered.	°	°		8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Annual maintenance of motors done this spring.	°	°		9
10	0.00	0.00	Pump Stations	Pump Control Systems		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Automatic and manual controls are free of damage and appear to operate properly.	°	°		10
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Sedimentation in Weatherbee Lake could migrate to pump intake.	°	°		11
12	0.00	0.00	Pump Stations	Trash Racks		M	Inspector Comments: Piece of high trash rack missing.	°	°		12

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

Reclamation District No. 2096 Wetherbee Lake

Pumping Plant							Structure Length	Inspection Start/End	Inspector		
Wetherbee Lake Pumping Plant & Navigation Gate								07/15/2009 07/15/2009	John Paasch		
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: Mechanical trash rakes are not present at this site.	°	°		13
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Item does not apply to this site.	°	°		14
15	0.00	0.00	Pump Stations	Electric Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Electric gate operators appear in good working condition.	°	°		15
16	0.00	0.00	Pump Stations	Manual Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operators appear in good working condition.	°	°		16
17	0.00	0.00	Pump Stations	Other Metallic Items		M	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Minor corrosion on several metal surfaces.	°	°		17
18	0.00	0.00	Pump Stations	Flap Gates		M	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: North flap gate missing a hinge bolt.	°	°	Y	18
19	0.00	0.00	Pump Stations	Closure Structures		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Radial arm gate acts as closure structure. It appears to be in good working condition.	°	°	Y	19
20	0.00	0.00	Pump Stations	Security Fencing		A	Inspector Comments: Fencing provides adequate protection against unauthorized access.	°	°		20
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Discharge pipes appear to be in good condition. No evidence of corrosion or leaks were found.	°	°	Y	21
22	0.00	0.00	Pump Stations	Pressurized Pipe		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No evidence of erosion or leakage of pressurized pipe was found.	°	°		22

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

Reclamation District No. 2096 Wetherbee Lake

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate		07/15/2009 07/15/2009	John Paasch

Levee Mile Report Line	3
Start Levee Mile	
End Levee Mile	
Location	
Category	Pump Stations
Item	Plant Building
Wetherbee Lake Pumping Plant & Navigation Gate	
jpaasch_20090716_4.jpg	



Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
Photo of outfall structure headwall and three wooden flap gates. Gate on left missing hinge bolt.	
jpaasch_20090716_3.jpg	



Levee Mile Report Line	19
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Closure Structures
Navigation channel closed by radial arm gate.	
jpaasch_20090716_5.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2009

Reclamation District No. 2096 Wetherbee Lake

Pumping Plant	Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate		07/15/2009 07/15/2009	John Paasch

Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Intake and Discharge Pipes
View of intake pipes, pump shafts and trash racks.	
jpaasch_20090716_6.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected